

ABSTRACT OF THE DISCLOSURE

The Device Model Agent (DMA), the device side technology module in Device Centric Services (DCS) system, is the main focus of this invention. DMA is a thin, efficient applications/services execution environment. DMA provides an embedded services platform for enabling system management applications and services. This allows a flexible, extensible, dynamic services management module allowing networked services to be designed, added, and managed within the system without modifications to devices, DCS system, or DMA itself. While this invention specifically describes the integration of benefits from DMA into document system devices, the concepts are equally applicable in other domains. The DMA runtime environment is a thin software interface layer that resides on a document system device between the Java runtime environment and embedded web server.